convert temperature and celsius to fahrenheit

In [8]:
```
celsius = 40
fahrenheit = (celsius * 1.8 ) + 32
print ('%.2fcelsius is equivalent to :%.2f fahrenheit '  %(celsius,fahrenheit))
```

```
40.00celsius is equivalent to :104.00 fahrenheit
```

second taking input from user

In [10]:
```
celsius = int (input ("enter the temperature"))
fahrenheit = (celsius *1.8)+32
print('%.2f Celsius is equivalent to: %.2f Fahrenheit'
%(celsius, fahrenheit))
```

```
enter the temperature20
20.00 Celsius is equivalent to: 68.00 Fahrenheit
```

Converting the given program from statement to function for Celsius to Fahrenheit conversion.

In [12]:
```
def convertctof(c):
    f=(c*1.8)+32
    return f
c = float (input("enter the temperature in celsius :"))
print ("temperature in celsius = {:.2f}".format(c))
print ("tenperature in fahrenheit={:.2f}".format(convertctof(c)) )
```

```
enter the temperature in celsius :20
temperature in celsius = 20.00
tenperature in fahrenheit=68.00
```

Converting the given program from statement to function for Fahrenheit to Celsius conversion.

In [13]:
```
def convertftoc(f):
    c=(5/9) *(f-32)
    return c
f = float(input ("enter the temperature in fahrenheit:"))
print ("temperature in fahrenheit = {:.2f}".format (f))
print ("temperature in celsius ={:.2f}".format(convertftoc(f)))
```

```
enter the temperature in fahrenheit:20
temperature in fahrenheit = 20.00
temperature in celsius =-6.67
```

In [ ]: